XCNR2918G11

limit switch XCNR - thermoplastic roller lever - 2NC - snap - Pg11

Green Premium™ Product

Product Life Status : END OF COMMERCIALIZATION

TODAY
FEB 21, 2021

End of Commercialization
NOV 03, 2020

End of Standard Service
NOV 30, 2021

Main

Range of product	Telemecanique Limit switches XC Standard
Series name	Standard format
Product or component type	Limit switch
Device short name	XCNR
Sensor design	Compact
Reset	With
Body type	Fixed
Head type	Rotary head
Material	Plastic
Body material	Plastic
Head material	Plastic
Fixing mode	By the body
Movement of operating head	Rotary
Type of operator	Spring return roller lever thermoplastic
Type of approach	Lateral approach, 2 directions
Number of poles	2
Contacts type and composition	2 NC
Contact operation	Snap action

Complementary

Switch actuation	By 30° cam
Electrical connection	Screw-clamp terminals, clamping capacity: 1 x 0.34...2 x 1.5 mm²
Cable entry	1 entry tapped for Pg 11 cable gland
Contacts insulation form	Zb
Positive opening	With
Positive opening minimum torque	0.15 N.m
Minimum torque for tripping	0.1 N.m
Maximum actuation speed	1.5 m/s

Contact code designation	A300, AC-15 (Ue = 240 V), Ie = 3 A, Ithe = 10 A conforming to EN/IEC 60947-5-1 appendix A R300, DC-13 (Ue = 250 V), Ie = 0.1 A conforming to EN/IEC 60947-5-1 appendix A
[Ui] rated insulation voltage	300 V conforming to UL 508 500 V (pollution degree 3) conforming to EN/IEC 60947-1 300 V conforming to CSA C22.2 No 14
[Uimp] rated impulse withstand voltage	IEC 60664 6 kV IEC 60947-1 6 kV
Short-circuit protection	10 A cartridge fuse, type gG
Mechanical durability	100000 cycles

Environment

Shock resistance	50 gn for 11 ms conforming to IEC 60068-2-27
Vibration resistance	25 gn (f= 10…500 Hz) conforming to IEC 60068-2-6
IP degree of protection	IP65 conforming to IEC 60529
IK degree of protection	IK04 conforming to EN 50102
Electrical shock protection class	Class II conforming to IEC 61140 Class II conforming to NF C 20030
Ambient air temperature for operation	-25…70 °C
Ambient air temperature for storage	-40…70 °C
Protective treatment	TC
Product certifications	CCC UL CSA
Standards	EN 60204-1 UL 508 EN 60947-5-1 IEC 60947-5-1 CSA C22.2 No 14 IEC 60204-1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	105 g
Package 1 Height	11 cm
Package 1 width	16 cm
Package 1 Length	31 cm
Unit Type of Package 2	BB1
Number of Units in Package 2	20
Package 2 Weight	2.1 kg
Package 2 Height	11 cm
Package 2 width	16 cm
Package 2 Length	31 cm
Unit Type of Package 3	S03
Number of Units in Package 3	60
Package 3 Weight	6.989 kg
Package 3 Height	30 cm
Package 3 width	30 cm
Package 3 Length	40 cm

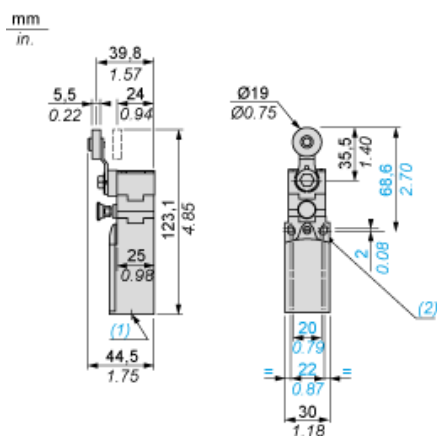## Offer Sustainability

Sustainable offer status	Green Premium product
REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Telemecanique
Sensors

Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

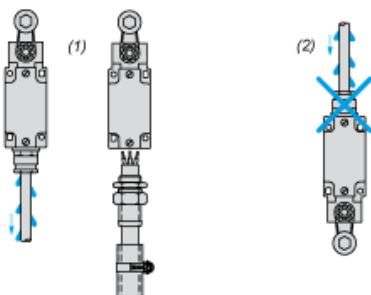## Contractual warranty

Warranty	18 months

Dimensions

(1)   1 tapped entry for Pg 11 cable gland
(2)   Ø: 2 elongated holes Ø 4.3 x 6.3 on 22 mm centres, 2 holes Ø 4.3 on 20 mm centres.

XCNR2918G11
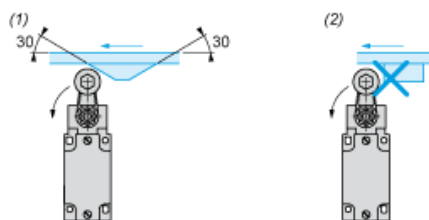

Mounting with Cable Entry

Position of Cable Gland

(1)   Recommended
(2)   To be avoided

Mounting with Rotary Heads and Levers

Type of Cam
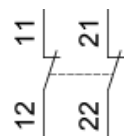

(1)   Recommended
(2)   To be avoided

Wiring Diagrams

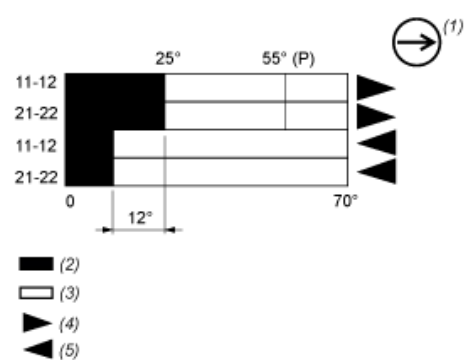2-pole NC + NC Snap Action

Telemecanique
Sensors

Characteristics of Actuation

Switch Actuation by 30° Cam

Functionnal Diagram

(P) Positive opening point
(1) NC contact with positive opening operation
(2) Closed
(3) Open
(4) Tripping
(5) Resetting